



**2003  
South Carolina  
Residence Data**



**Infant Mortality  
and Selected  
Birth Characteristics**

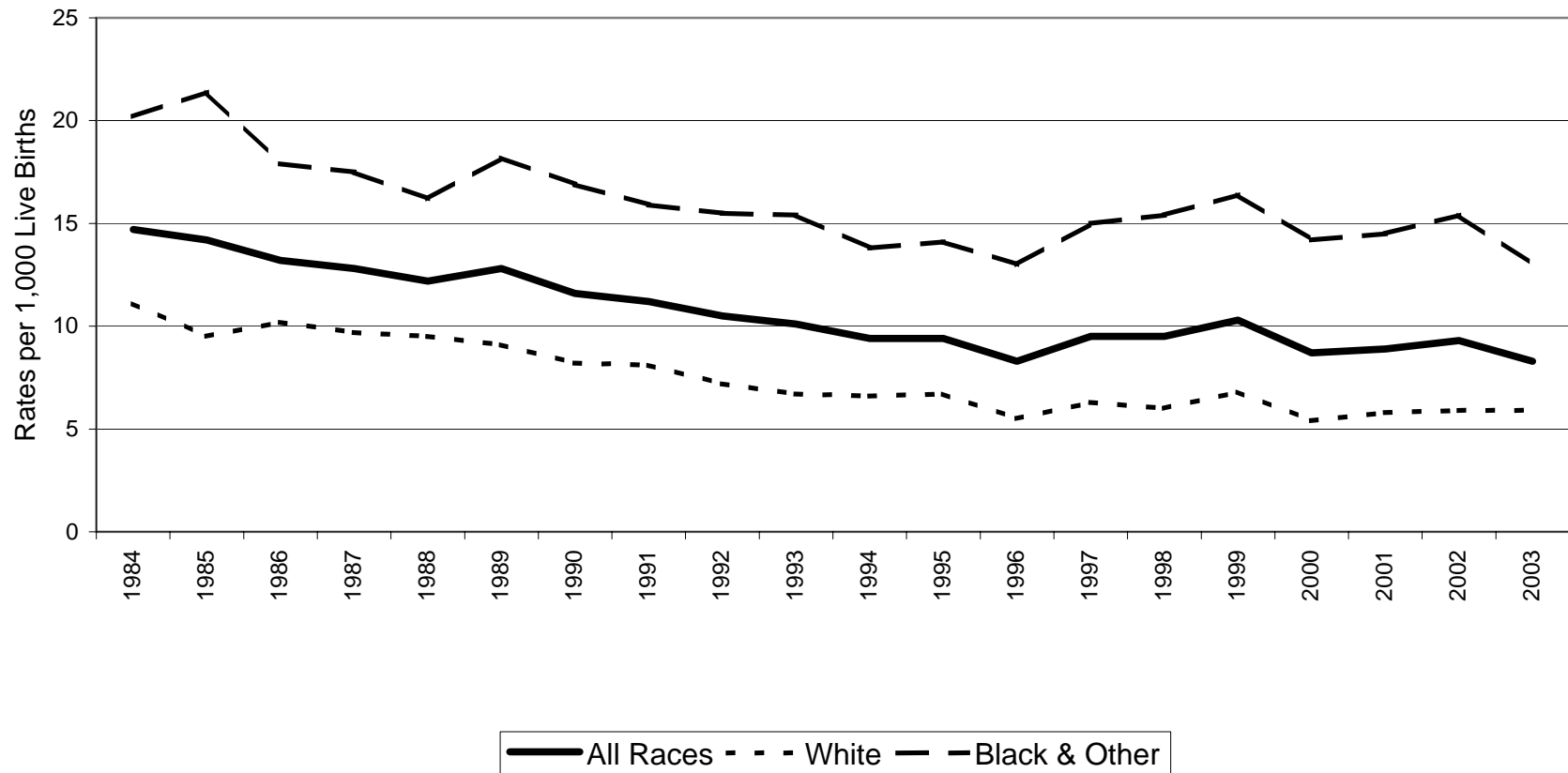
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## South Carolina Infant Mortality Rates<sup>1</sup> by Race<sup>2</sup> Residence Data, 1984-2003



	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
All Races	14.7	14.2	13.2	12.8	12.2	12.8	11.6	11.2	10.5	10.1	9.4	9.4	8.3	9.5	9.5	10.3	8.7	8.9	9.3	8.3
White	11.1	9.5	10.2	9.7	9.5	9.1	8.2	8.1	7.2	6.7	6.6	6.7	5.5	6.3	6.0	6.8	5.4	5.8	5.9	5.9
Black & Other	20.2	21.4	17.9	17.5	16.2	18.2	16.9	15.9	15.5	15.4	13.8	14.1	13.0	15.0	15.4	16.4	14.2	14.5	15.4	13.0

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>Race of infant (1984-1989); Race of mother (1990-2003)

**Table 1.**  
 Infant Mortality Rates<sup>1</sup> with 95% Confidence Intervals<sup>2</sup>  
 South Carolina, 1984-2003  
 (Residence Data)

Year	Number of Live Births	Number of Infant Deaths	Infant Mortality Rate	95% Confidence Intervals
1984	50,561	743	14.7	(13.6,15.8)
1985	51,846	735	14.2	(13.2, 15.2)
1986	51,726	685	13.2	(12.2, 14.2)
1987	52,774	673	12.8	(11.8, 13.8)
1988	55,090	673	12.2	(11.3, 13.1)
1989	57,239	731	12.8	(11.9, 13.7)
1990	58,461	679	11.6	(10.7, 12.5)
1991	57,517	644	11.2	(10.3, 12.1)
1992	56,102	588	10.5	(9.7, 11.3)
1993	53,715	544	10.1	(9.3, 11.0)
1994	51,907	486	9.4	(8.5, 10.2)
1995	50,913	480	9.4	(8.6, 10.2)
1996	51,105	424	8.3	(7.5, 9.1)
1997	52,205	494	9.5	(8.7, 10.3)
1998	53,833	511	9.5	(8.7, 10.3)
1999	54,706	564	10.3	(9.4, 11.2)
2000	55,964	488	8.7	(7.9, 9.5)
2001	55,748	496	8.9	(8.1 , 9.7)
2002	54,453	507	9.3	(8.5,10.1)
2003	55,461	463	8.3	(7.5,9.1)

**Table 2.**  
 Infant Mortality Rates<sup>1</sup> with 95% Confidence Intervals<sup>2</sup>  
 South Carolina  
 1984-1988, 1989-1993, 1994-1998, 1999-2003  
 (Residence Data)

Years	Number of Live Births	Number of Infant Deaths	Infant Mortality Rate	95% Confidence Intervals
1984-1988	261,997	3,509	13.4	(13.0, 13.8)
1989-1993	283,034	3,186	11.3	(10.9, 11.7)
1994-1998	259,963	2,395	9.2	(8.8, 9.6)
1999-2003	276,332	2,518	9.1	( 8.7, 9.5)

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>  $r \pm 61.981 (r/n)^{1/2}$ , where r = infant mortality rate and n = number of live births

**Table 3.**

Infant, Neonatal and Postneonatal Mortality and Mortality Rates<sup>1</sup> by Race<sup>2</sup>  
 South Carolina  
 1999, 2000, 2001, 2002 and 2003  
 (Residence Data)

Infant Mortality									
	Total			White			Black & Other		
Year	Number of Live Birth	Number of Infant Death	Rate	Number of Live Birth	Number of Infant Death	Rate	Number of Live Birth	Number of Infant Death	Rate
1999	54,706*	564	10.3	34,683	236	6.8	20,004	328	16.4
2000	55,964*	488	8.7	35,146	192	5.5	20,803	296	14.2
2001	55,748*	496	8.9	35,731	206	5.8	20,008	290	14.5
2002	54,453*	507*	9.3	35,152	208	5.9	19,294	298	15.4
2003	55,461*	463	8.3	36,001	211	5.9	19,451	252	13.0

Neonatal Mortality (<28 days)									
	Total			White			Black & Other		
Year	Number of Live Birth	Number of Infant Death	Rate	Number of Live Birth	Number of Infant Death	Rate	Number of Live Birth	Number of Infant Death	Rate
1999	54,706*	394	7.2	34,683	154	4.4	20,004	240	12.0
2000	55,964*	340	6.1	35,146	135	3.8	20,803	205	9.9
2001	55,748*	337	6.0	35,731	135	3.8	20,008	202	10.1
2002	54,453*	346*	6.4	35,152	134	3.8	19,294	211	10.9
2003	55,461*	328	5.9	36,001	141	3.9	19,451	187	9.6

Postneonatal Mortality (28-364 days)									
	Total			White			Black & Other		
Year	Number of Live Birth	Number of Infant Death	Rate	Number of Live Birth	Number of Infant Death	Rate	Number of Live Birth	Number of Infant Death	Rate
1999	54,706*	170	3.1	34,683	82	2.4	20,004	88	4.4
2000	55,964*	148	2.6	35,146	57	1.6	20,803	91	4.4
2001	55,748*	159	2.9	35,731	71	2.0	20,008	88	4.4
2002	54,453*	161	3.0	35,152	74	2.1	19,294	87	4.5
2003	55,461*	135	2.4	36,001	70	1.9	19,451	65	3.3

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>Race of mother

\* Includes unknown race

**Table 4.**  
**Infant Mortality and Infant Mortality Rates<sup>1</sup>**  
**South Carolina and Each County, 2003, 2001-2003, 1998-2000**  
**(Residence Data)**

County of Residence	2003		2001-2003		1998-2000	
	Number	Rate	Number	Rate	Number	Rate
<b>South Carolina</b>	463	8.3	1,466	8.8	1,563	9.5
Abbeville	5	15.1	18	17.6	9	8.7
Aiken	17	9.6	56	10.2	45	8.2
Allendale	3	18.5	6	11.4	6	11.5
Anderson	23	10.3	56	8.5	77	11.7
Bamberg	4	21.7	9	15.5	8	12.1
Barnwell	7	21.4	13	12.8	16	15.8
Beaufort	19	9.0	38	6.3	28	5.3
Berkeley	17	8.1	54	8.4	53	8.4
Calhoun	3	17.0	6	11.7	6	11.4
Charleston	37	7.9	142	10.3	127	9.4
Cherokee	8	11.3	32	15.1	16	7.3
Chester	4	9.6	14	10.7	17	11.8
Chesterfield	6	11.5	13	8.0	23	13.2
Clarendon	4	9.9	13	10.3	21	16.7
Colleton	8	15.7	20	12.4	13	7.8
Darlington	14	16.6	35	13.1	37	13.2
Dillon	3	6.2	12	8.1	12	8.2
Dorchester	8	6.0	31	8.1	35	10.0
Edgefield	1	3.9	5	6.2	18	20.7
Fairfield	4	13.2	9	9.9	14	14.2
Florence	15	7.6	63	11.0	66	11.7
Georgetown	7	9.4	24	10.7	24	10.3
Greenville	28	5.1	94	5.7	105	6.6
Greenwood	10	11.8	24	9.2	35	12.3
Hampton	5	16.8	6	6.8	10	11.0
Horry	21	7.8	70	9.0	58	8.0
Jasper	2	6.6	9	9.6	5	6.0
Kershaw	3	4.3	16	7.7	12	5.7
Lancaster	6	7.9	19	8.1	26	10.7
Laurens	5	6.1	26	10.8	25	9.8
Lee	5	19.0	12	15.1	14	17.9
Lexington	21	6.6	63	6.9	72	8.0
McCormick	1	12.8	3	12.7	5	19.5
Marion	5	10.3	22	15.2	22	14.6
Marlboro	3	8.9	12	11.0	16	12.3
Newberry	5	10.8	18	12.4	13	8.7
Oconee	6	7.5	14	5.9	19	8.1
Orangeburg	11	8.7	33	8.8	55	14.0
Pickens	7	5.6	25	6.5	27	6.7
Richland	34	7.7	103	7.9	134	10.2
Saluda	1	4.7	7	9.8	11	14.3
Spartanburg	27	7.9	80	7.8	69	7.0
Sumter	14	8.5	46	9.5	52	10.2
Union	4	12.8	10	9.4	12	10.5
Williamsburg	4	8.8	27	18.5	24	15.0
York	18	7.6	58	8.2	71	10.8

<sup>1</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 4-A.**  
 White<sup>1</sup> Infant Mortality and Infant Mortality Rates<sup>2</sup>  
 South Carolina and Each County, 2003, 2001-2003, 1998-2000  
 (Residence Data)

County of Residence	2003		2001-2003		1998-2000	
	Number	Rate	Number	Rate	Number	Rate
<b>South Carolina</b>	211	5.9	625	5.8	632	6.1
Abbeville	1	4.7	5	7.5	3	4.4
Aiken	11	9.1	32	8.6	21	5.7
Allendale	-	0.0	-	0.0	2	22.7
Anderson	10	5.7	29	5.5	51	10.0
Bamberg	1	16.9	1	5.2	-	0.0
Barnwell	1	6.4	2	4.3	6	12.9
Beaufort	11	7.2	17	3.9	13	3.5
Berkeley	10	6.7	33	7.3	25	5.6
Calhoun	2	22.2	3	11.4	1	4.6
Charleston	14	5.0	49	6.0	35	4.6
Cherokee	6	11.4	22	14.0	10	6.1
Chester	3	13.4	6	8.8	6	8.0
Chesterfield	2	6.6	6	6.3	6	5.9
Clarendon	-	0.0	2	4.1	4	8.4
Colleton	3	11.4	6	7.2	4	4.5
Darlington	7	16.1	14	10.4	10	7.7
Dillon	-	0.0	-	0.0	3	4.7
Dorchester	7	7.3	17	6.2	16	6.5
Edgefield	-	0.0	1	2.2	3	6.5
Fairfield	-	0.0	-	0.0	3	9.6
Florence	5	4.8	17	5.6	16	5.5
Georgetown	3	7.2	7	5.7	5	4.1
Greenville	21	4.9	56	4.4	68	5.6
Greenwood	4	7.2	7	4.2	18	10.1
Hampton	1	8.8	1	2.8	2	5.9
Horry	11	5.2	31	5.2	25	4.6
Jasper	-	0.0	5	11.2	3	7.8
Kershaw	2	4.0	12	8.2	5	3.4
Lancaster	3	5.6	10	6.0	13	7.9
Laurens	2	3.4	15	8.7	9	5.1
Lee	-	0.0	-	0.0	4	22.5
Lexington	13	5.1	39	5.3	53	7.3
McCormick	-	0.0	-	0.0	-	0.0
Marion	-	0.0	6	12.2	-	0.0
Marlboro	-	0.0	1	2.4	5	9.4
Newberry	2	6.7	8	8.8	5	5.6
Oconee	5	6.8	13	6.1	14	6.8
Orangeburg	4	10.2	5	4.4	9	6.9
Pickens	5	4.4	21	6.0	24	6.4
Richland	5	2.6	16	2.7	26	4.6
Saluda	-	0.0	1	2.0	5	9.9
Spartanburg	19	7.4	53	6.9	39	5.3
Sumter	6	7.4	17	7.2	15	6.1
Union	3	15.3	7	10.2	4	5.7
Williamsburg	-	0.0	2	5.6	2	4.8
York	8	4.4	30	5.6	41	8.4

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 4-B.**

Black and Other<sup>1</sup> Infant Mortality and Infant Mortality Rates<sup>2</sup>  
 South Carolina and Each County, 2003, 2001-2003, 1998-2000  
 (Residence Data)

County of Residence	2003		2001-2003		1998-2000	
	Number	Rate	Number	Rate	Number	Rate
<b>South Carolina</b>	252	13.0	840	14.3	931	15.4
Abbeville	4	33.6	12	33.7	6	16.9
Aiken	6	10.6	24	13.8	24	13.5
Allendale	3	23.4	6	13.7	4	9.3
Anderson	13	27.1	27	19.3	26	17.7
Bamberg	3	24.0	8	20.5	8	18.0
Barnwell	6	35.3	11	20.0	10	18.3
Beaufort	8	14.1	21	12.8	15	9.5
Berkeley	7	11.3	21	11.1	28	14.8
Calhoun	1	11.6	3	11.9	5	16.1
Charleston	23	12.5	93	16.5	92	15.8
Cherokee	2	10.8	10	18.2	6	10.9
Chester	1	5.2	8	12.8	11	15.9
Chesterfield	4	18.3	7	10.5	17	23.1
Clarendon	4	16.3	11	14.2	17	21.7
Colleton	5	20.4	14	18.1	9	11.7
Darlington	7	17.2	21	15.9	27	17.9
Dillon	3	10.8	12	14.5	9	10.9
Dorchester	1	2.6	14	13.0	19	18.6
Edgefield	1	9.3	4	11.5	15	36.9
Fairfield	4	19.3	9	14.5	11	16.4
Florence	10	10.8	46	17.1	50	18.5
Georgetown	4	12.1	17	16.6	19	17.2
Greenville	7	5.5	38	10.0	37	10.0
Greenwood	6	20.3	17	18.0	17	16.0
Hampton	4	21.6	5	9.3	8	14.1
Horry	10	17.3	39	21.9	33	17.7
Jasper	2	13.8	4	8.1	2	4.5
Kershaw	1	4.9	4	6.5	7	11.1
Lancaster	3	13.1	9	13.1	13	16.4
Laurens	3	12.7	11	15.7	16	20.6
Lee	5	25.9	12	20.5	10	16.5
Lexington	8	12.6	24	13.2	19	11.0
McCormick	1	18.9	3	19.5	5	28.6
Marion	5	15.0	16	16.8	22	22.8
Marlboro	3	14.4	11	16.2	11	14.3
Newberry	3	18.3	10	18.3	8	13.2
Oconee	1	14.3	1	4.4	5	17.5
Orangeburg	7	8.1	28	10.7	46	17.4
Pickens	2	16.9	4	11.3	3	9.1
Richland	29	11.7	87	12.1	108	14.5
Saluda	1	18.5	6	28.8	6	22.9
Spartanburg	8	9.4	27	10.5	30	11.7
Sumter	8	9.5	29	11.7	37	13.9
Union	1	8.7	3	8.0	8	18.0
Williamsburg	4	11.9	25	22.6	22	18.7
York	10	17.7	28	16.1	30	17.9

<sup>1</sup>Race of mother<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 5.**

Infant, Neonatal and Postneonatal Mortality Rates<sup>1</sup> by Race<sup>2</sup>  
and Percent Changes from 2002 to 2003

South Carolina  
(Residence Data)

<b>Infant Mortality</b>			
Year	Total	White	Black & Other
2002	9.3	5.9	15.4
2003	8.3	5.9	13.0
<b>Percent Change</b>	10.8%	0.0%	15.6%

<b>Neonatal Mortality</b>			
Year	Total	White	Black & Other
2002	6.4	3.8	10.9
2003	5.9	3.9	9.6
<b>Percent Change</b>	7.8%	2.6%	11.9%

<b>Postneonatal Mortality</b>			
Year	Total	White	Black & Other
2002	3.0	2.1	4.5
2003	2.4	1.9	3.3
<b>Percent Change</b>	20.0%	9.5%	26.7%

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>Race of mother



**Table 6.**  
**Neonatal Mortality and Neonatal Mortality Rates<sup>1</sup>**  
**South Carolina and Each County, 2003, 2001-2003, 1998-2000**  
**(Residence Data)**

County of Residence	2003		2001-2003		1998-2000	
	Number	Rate	Number	Rate	Number	Rate
<b>South Carolina</b>	328	5.9	1,011	6.1	1,092	6.6
Abbeville	4	12.1	15	14.6	7	6.7
Aiken	11	6.2	38	6.9	25	4.6
Allendale	3	18.5	4	7.6	4	7.7
Anderson	19	8.5	42	6.3	53	8.1
Bamberg	3	16.3	6	10.3	3	4.5
Barnwell	5	15.3	10	9.9	7	6.9
Beaufort	11	5.2	23	3.8	16	3.0
Berkeley	9	4.3	36	5.6	41	6.5
Calhoun	2	11.4	5	9.7	5	9.5
Charleston	29	6.2	113	8.2	94	7.0
Cherokee	7	9.9	16	7.6	9	4.1
Chester	3	7.2	9	6.9	10	6.9
Chesterfield	4	7.6	8	4.9	19	10.9
Clarendon	3	7.4	8	6.3	16	12.7
Colleton	7	13.8	17	10.5	10	6.0
Darlington	10	11.9	28	10.5	27	9.6
Dillon	1	2.1	5	3.4	9	6.1
Dorchester	1	0.7	14	3.7	23	6.6
Edgefield	1	3.9	5	6.2	14	16.1
Fairfield	4	13.2	8	8.8	12	12.2
Florence	14	7.1	44	7.7	48	8.5
Georgetown	6	8.0	20	8.9	15	6.5
Greenville	21	3.8	70	4.3	71	4.5
Greenwood	10	11.8	21	8.0	31	10.9
Hampton	4	13.4	5	5.6	6	6.6
Horry	15	5.6	48	6.2	37	5.1
Jasper	-	0.0	6	6.4	1	1.2
Kershaw	2	2.9	13	6.3	9	4.3
Lancaster	2	2.6	11	4.7	19	7.8
Laurens	4	4.9	14	5.8	19	7.4
Lee	4	15.2	11	13.8	12	15.3
Lexington	12	3.8	37	4.1	54	6.0
McCormick	-	0.0	1	4.2	4	15.6
Marion	5	10.3	16	11.1	17	11.3
Marlboro	2	5.9	9	8.2	10	7.7
Newberry	3	6.5	13	8.9	8	5.3
Oconee	5	6.2	10	4.2	15	6.4
Orangeburg	7	5.6	22	5.9	41	10.4
Pickens	6	4.8	19	4.9	14	3.5
Richland	22	5.0	61	4.7	91	6.9
Saluda	1	4.7	6	8.4	8	10.4
Spartanburg	17	5.0	45	4.4	40	4.0
Sumter	9	5.4	30	6.2	33	6.4
Union	3	9.6	5	4.7	10	8.8
Williamsburg	3	6.6	19	13.0	19	11.9
York	14	5.9	45	6.4	56	8.5

<sup>1</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 6-A.**  
**White<sup>1</sup> Neonatal Mortality and Neonatal Mortality Rates<sup>2</sup>**  
**South Carolina and Each County, 2003, 2001-2003, 1998-2000**  
**(Residence Data)**

County of Residence	2003		2001-2003		1998-2000	
	Number	Rate	Number	Rate	Number	Rate
<b>South Carolina</b>	141	3.9	410	3.8	421	4.1
Abbeville	-	0.0	3	4.5	2	2.9
Aiken	8	6.6	22	5.9	12	3.3
Allendale	-	0.0	-	0.0	2	22.7
Anderson	6	3.4	18	3.4	36	7.1
Bamberg	1	16.9	1	5.2	-	0.0
Barnwell	1	6.4	2	4.3	2	4.3
Beaufort	6	3.9	9	2.1	8	2.2
Berkeley	5	3.4	20	4.4	19	4.3
Calhoun	1	11.1	2	7.6	-	0.0
Charleston	10	3.6	40	4.9	22	2.9
Cherokee	5	9.5	11	7.0	6	3.7
Chester	2	8.9	3	4.4	5	6.7
Chesterfield	2	6.6	4	4.2	4	4.0
Clarendon	-	0.0	1	2.0	2	4.2
Colleton	2	7.6	5	6.0	2	2.3
Darlington	6	13.8	13	9.6	8	6.2
Dillon	-	0.0	-	0.0	1	1.6
Dorchester	1	1.0	5	1.8	10	4.0
Edgefield	-	0.0	1	2.2	-	0.0
Fairfield	-	0.0	-	0.0	3	9.6
Florence	5	4.8	12	4.0	11	3.8
Georgetown	2	4.8	3	2.4	3	2.5
Greenville	17	4.0	42	3.3	42	3.4
Greenwood	4	7.2	7	4.2	14	7.8
Hampton	1	8.8	1	2.8	-	0.0
Horry	7	3.3	17	2.8	17	3.2
Jasper	-	0.0	5	11.2	1	2.6
Kershaw	1	2.0	9	6.1	2	1.4
Lancaster	-	0.0	5	3.0	13	7.9
Laurens	1	1.7	8	4.7	5	2.8
Lee	-	0.0	-	0.0	4	22.5
Lexington	9	3.6	26	3.6	39	5.4
McCormick	-	0.0	-	0.0	-	0.0
Marion	-	0.0	4	8.1	-	0.0
Marlboro	-	0.0	-	0.0	2	3.7
Newberry	-	0.0	4	4.4	4	4.5
Oconee	4	5.5	9	4.2	12	5.8
Orangeburg	2	5.1	3	2.7	5	3.8
Pickens	4	3.5	15	4.3	13	3.5
Richland	5	2.6	15	2.6	18	3.2
Saluda	-	0.0	1	2.0	5	9.9
Spartanburg	12	4.7	29	3.8	24	3.3
Sumter	3	3.7	9	3.8	9	3.7
Union	2	10.2	3	4.4	3	4.3
Williamsburg	-	0.0	1	2.8	2	4.8
York	6	3.3	22	4.1	29	5.9

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 6-B.**

Black and Other<sup>1</sup> Neonatal Mortality and Neonatal Mortality Rates<sup>2</sup>  
 South Carolina and Each County, 2003, 2001-2003, 1998-2000  
 (Residence Data)

County of Residence	2003		2001-2003		1998-2000	
	Number	Rate	Number	Rate	Number	Rate
<b>South Carolina</b>	187	9.6	600	10.2	671	11.1
Abbeville	4	33.6	11	30.9	5	14.0
Aiken	3	5.3	16	9.2	13	7.3
Allendale	3	23.4	4	9.2	2	4.6
Anderson	13	27.1	24	17.2	17	11.6
Bamberg	2	16.0	5	12.8	3	6.8
Barnwell	4	23.5	8	14.6	5	9.2
Beaufort	5	8.8	14	8.5	8	5.0
Berkeley	4	6.4	16	8.5	22	11.7
Calhoun	1	11.6	3	11.9	5	16.1
Charleston	19	10.3	73	13.0	72	12.4
Cherokee	2	10.8	5	9.1	3	5.5
Chester	1	5.2	6	9.6	5	7.2
Chesterfield	2	9.1	4	6.0	15	20.4
Clarendon	3	12.2	7	9.0	14	17.9
Colleton	5	20.4	12	15.5	8	10.4
Darlington	4	9.8	15	11.3	19	12.6
Dillon	1	3.6	5	6.1	8	9.7
Dorchester	-	0.0	9	8.4	13	12.7
Edgefield	1	9.3	4	11.5	14	34.4
Fairfield	4	19.3	8	12.9	9	13.4
Florence	9	9.8	32	11.9	37	13.7
Georgetown	4	12.1	17	16.6	12	10.8
Greenville	4	3.2	28	7.3	29	7.9
Greenwood	6	20.3	14	14.8	17	16.0
Hampton	3	16.2	4	7.5	6	10.5
Horry	8	13.9	31	17.4	20	10.7
Jasper	-	0.0	1	2.0	-	0.0
Kershaw	1	4.9	4	6.5	7	11.1
Lancaster	2	8.7	6	8.7	6	7.6
Laurens	3	12.7	6	8.5	14	18.0
Lee	4	20.7	11	18.8	8	13.2
Lexington	3	4.7	11	6.0	15	8.7
McCormick	-	0.0	1	6.5	4	22.9
Marion	5	15.0	12	12.6	17	17.6
Marlboro	2	9.6	9	13.2	8	10.4
Newberry	3	18.3	9	16.5	4	6.6
Oconee	1	14.3	1	4.4	3	10.5
Orangeburg	5	5.8	19	7.3	36	13.6
Pickens	2	16.9	4	11.3	1	3.0
Richland	17	6.9	46	6.4	73	9.8
Saluda	1	18.5	5	24.0	3	11.5
Spartanburg	5	5.9	16	6.2	16	6.3
Sumter	6	7.1	21	8.5	24	9.0
Union	1	8.7	2	5.3	7	15.8
Williamsburg	3	8.9	18	16.3	17	14.4
York	8	14.2	23	13.2	27	16.1

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 7.**  
**Postneonatal Mortality and Postneonatal Mortality Rates<sup>1</sup>**  
**South Carolina and Each County, 2003, 2001-2003, 1998-2000**  
**(Residence Data)**

County of Residence	2003		2001-2003		1998-2000	
	Number	Rate	Number	Rate	Number	Rate
<b>South Carolina</b>	135	2.4	455	2.7	471	2.9
Abbeville	1	3.0	3	2.9	2	1.9
Aiken	6	3.4	18	3.3	20	3.6
Allendale	-	0.0	2	3.8	2	3.8
Anderson	4	1.8	14	2.1	24	3.7
Bamberg	1	5.4	3	5.2	5	7.5
Barnwell	2	6.1	3	3.0	9	8.9
Beaufort	8	3.8	15	2.5	12	2.3
Berkeley	8	3.8	18	2.8	12	1.9
Calhoun	1	5.7	1	1.9	1	1.9
Charleston	8	1.7	29	2.1	33	2.4
Cherokee	1	1.4	16	7.6	7	3.2
Chester	1	2.4	5	3.8	7	4.9
Chesterfield	2	3.8	5	3.1	4	2.3
Clarendon	1	2.5	5	4.0	5	4.0
Colleton	1	2.0	3	1.9	3	1.8
Darlington	4	4.8	7	2.6	10	3.6
Dillon	2	4.1	7	4.7	3	2.0
Dorchester	7	5.2	17	4.4	12	3.4
Edgefield	-	0.0	-	0.0	4	4.6
Fairfield	-	0.0	1	1.1	2	2.0
Florence	1	0.5	19	3.3	18	3.2
Georgetown	1	1.3	4	1.8	9	3.9
Greenville	7	1.3	24	1.5	34	2.1
Greenwood	-	0.0	3	1.1	4	1.4
Hampton	1	3.4	1	1.1	4	4.4
Horry	6	2.2	22	2.8	21	2.9
Jasper	2	6.6	3	3.2	4	4.8
Kershaw	1	1.4	3	1.4	3	1.4
Lancaster	4	5.2	8	3.4	7	2.9
Laurens	1	1.2	12	5.0	6	2.3
Lee	1	3.8	1	1.3	2	2.6
Lexington	9	2.8	26	2.8	18	2.0
McCormick	1	12.8	2	8.5	1	3.9
Marion	-	0.0	6	4.1	5	3.3
Marlboro	1	3.0	3	2.7	6	4.6
Newberry	2	4.3	5	3.4	5	3.3
Oconee	1	1.2	4	1.7	4	1.7
Orangeburg	4	3.2	11	2.9	14	3.6
Pickens	1	0.8	6	1.5	13	3.2
Richland	12	2.7	42	3.2	43	3.3
Saluda	-	0.0	1	1.4	3	3.9
Spartanburg	10	2.9	35	3.4	29	2.9
Sumter	5	3.0	16	3.3	19	3.7
Union	1	3.2	5	4.7	2	1.8
Williamsburg	1	2.2	8	5.5	5	3.1
York	4	1.7	13	1.8	15	2.3

<sup>1</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 7-A.**

White<sup>1</sup> Postneonatal Mortality and Postneonatal Mortality Rates<sup>2</sup>  
 South Carolina and Each County, 2003, 2001-2003, 1998-2000  
 (Residence Data)

County of Residence	2003		2001-2003		1998-2000	
	Number	Rate	Number	Rate	Number	Rate
<b>South Carolina</b>	70	1.9	215	2.0	211	2.0
Abbeville	1	4.7	2	3.0	1	1.5
Aiken	3	2.5	10	2.7	9	2.4
Allendale	-	0.0	-	0.0	-	0.0
Anderson	4	2.3	11	2.1	15	2.9
Bamberg	-	0.0	-	0.0	-	0.0
Barnwell	-	0.0	-	0.0	4	8.6
Beaufort	5	3.3	8	1.8	5	1.3
Berkeley	5	3.4	13	2.9	6	1.4
Calhoun	1	11.1	1	3.8	1	4.6
Charleston	4	1.4	9	1.1	13	1.7
Cherokee	1	1.9	11	7.0	4	2.4
Chester	1	4.5	3	4.4	1	1.3
Chesterfield	-	0.0	2	2.1	2	2.0
Clarendon	-	0.0	1	2.0	2	4.2
Colleton	1	3.8	1	1.2	2	2.3
Darlington	1	2.3	1	0.7	2	1.5
Dillon	-	0.0	-	0.0	2	3.1
Dorchester	6	6.3	12	4.4	6	2.4
Edgefield	-	0.0	-	0.0	3	6.5
Fairfield	-	0.0	-	0.0	-	0.0
Florence	-	0.0	5	1.7	5	1.7
Georgetown	1	2.4	4	3.3	2	1.6
Greenville	4	0.9	14	1.1	26	2.1
Greenwood	-	0.0	-	0.0	4	2.2
Hampton	-	0.0	-	0.0	2	5.9
Horry	4	1.9	14	2.3	8	1.5
Jasper	-	0.0	-	0.0	2	5.2
Kershaw	1	2.0	3	2.0	3	2.0
Lancaster	3	5.6	5	3.0	-	0.0
Laurens	1	1.7	7	4.1	4	2.2
Lee	-	0.0	-	0.0	-	0.0
Lexington	4	1.6	13	1.8	14	1.9
McCormick	-	0.0	-	0.0	-	0.0
Marion	-	0.0	2	4.1	-	0.0
Marlboro	-	0.0	1	2.4	3	5.6
Newberry	2	6.7	4	4.4	1	1.1
Oconee	1	1.4	4	1.9	2	1.0
Orangeburg	2	5.1	2	1.8	4	3.1
Pickens	1	0.9	6	1.7	11	3.0
Richland	-	0.0	1	0.2	8	1.4
Saluda	-	0.0	-	0.0	-	0.0
Spartanburg	7	2.7	24	3.1	15	2.0
Sumter	3	3.7	8	3.4	6	2.5
Union	1	5.1	4	5.8	1	1.4
Williamsburg	-	0.0	1	2.8	-	0.0
York	2	1.1	8	1.5	12	2.5

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 7-B.**

Black and Other<sup>1</sup> Postneonatal Mortality and Postneonatal Mortality Rates<sup>2</sup>  
 South Carolina and Each County, 2003, 2001-2003, 1998-2000  
 (Residence Data)

County of Residence	2003		2001-2003		1998-2000	
	Number	Rate	Number	Rate	Number	Rate
<b>South Carolina</b>	65	3.3	240	4.1	260	4.3
Abbeville	-	0.0	1	2.8	1	2.8
Aiken	3	5.3	8	4.6	11	6.2
Allendale	-	0.0	2	4.6	2	4.6
Anderson	-	0.0	3	2.1	9	6.1
Bamberg	1	8.0	3	7.7	5	11.3
Barnwell	2	11.8	3	5.5	5	9.2
Beaufort	3	5.3	7	4.3	7	4.4
Berkeley	3	4.8	5	2.6	6	3.2
Calhoun	-	0.0	-	0.0	-	0.0
Charleston	4	2.2	20	3.6	20	3.4
Cherokee	-	0.0	5	9.1	3	5.5
Chester	-	0.0	2	3.2	6	8.6
Chesterfield	2	9.1	3	4.5	2	2.7
Clarendon	1	4.1	4	5.2	3	3.8
Colleton	-	0.0	2	2.6	1	1.3
Darlington	3	7.4	6	4.5	8	5.3
Dillon	2	7.2	7	8.5	1	1.2
Dorchester	1	2.6	5	4.7	6	5.9
Edgefield	-	0.0	-	0.0	1	2.5
Fairfield	-	0.0	1	1.6	2	3.0
Florence	1	1.1	14	5.2	13	4.8
Georgetown	-	0.0	-	0.0	7	6.3
Greenville	3	2.4	10	2.6	8	2.2
Greenwood	-	0.0	3	3.2	-	0.0
Hampton	1	5.4	1	1.9	2	3.5
Horry	2	3.5	8	4.5	13	7.0
Jasper	2	13.8	3	6.1	2	4.5
Kershaw	-	0.0	-	0.0	-	0.0
Lancaster	1	4.4	3	4.4	7	8.8
Laurens	-	0.0	5	7.1	2	2.6
Lee	1	5.2	1	1.7	2	3.3
Lexington	5	7.9	13	7.1	4	2.3
McCormick	1	18.9	2	13.0	1	5.7
Marion	-	0.0	4	4.2	5	5.2
Marlboro	1	4.8	2	2.9	3	3.9
Newberry	-	0.0	1	1.8	4	6.6
Oconee	-	0.0	-	0.0	2	7.0
Orangeburg	2	2.3	9	3.5	10	3.8
Pickens	-	0.0	-	0.0	2	6.1
Richland	12	4.9	41	5.7	35	4.7
Saluda	-	0.0	1	4.8	3	11.5
Spartanburg	3	3.5	11	4.3	14	5.5
Sumter	2	2.4	8	3.2	13	4.9
Union	-	0.0	1	2.7	1	2.3
Williamsburg	1	3.0	7	6.3	5	4.2
York	2	3.5	5	2.9	3	1.8

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 8.**  
**Leading Causes of Infant Death by Age at Death**  
**South Carolina, 2003**  
**(Residence Data)**

Causes of Death (ICD-10 Codes)	Total	Under 1 Day	1-6 Days	7-27 Days	Neonatal (<28days)	Post-Neonatal (28-364Days)
<b>Total Infant Deaths</b>	463	207	64	57	328	135
Disorders relating to short gestation and low birthweight, NEC (P07)	102	87	10	3	100	2
Congenital malformations, deformations, etc. (Q00-Q99)	71	30	17	10	57	14
Fetus and newborn affected by maternal complications of pregnancy (P01)	39	37	2	0	39	0
Sudden infant death syndrome (R95)	33	0	0	0	0	33
Newborn affected by complication of placenta, ect. (P02)	16	13	3	0	16	0
Bacterial sepsis of newborn (P36)	15	4	2	9	15	0
Diseases of Circulatory System (I00-I99)	13	0	0	2	2	11
Accidents (V01-X59, Y85-Y86)	13	0	0	1	1	12
Intrauterine hypoxia and birth asphyxia (P20-P21)	12	3	2	5	10	2
Respiratory distress of newborn (P22)	12	4	2	4	10	2
All other causes	137	29	26	23	78	59

**Table 8a.**  
**Leading Causes of White Infant Death by Age at Death**  
**South Carolina, 2003**  
**(Residence Data)**

Causes of Death (ICD-10 Codes)	Total	Under 1 Day	1-6 Days	7-27 Days	Neonatal (<28days)	Post-Neonatal (28-364Days)
<b>Total White Infant Deaths</b>	211	79	31	31	141	70
Congenital malformations, deformations, etc. (Q00-Q99)	44	20	10	6	36	8
Disorders relating to short gestation and low birthweight, NEC (P07)	34	28	3	1	32	2
Fetus and newborn affected by maternal complications of pregnancy (P01)	15	15	0	0	15	0
Sudden infant death syndrome (R95)	12	0	0	0	0	12
Bacterial sepsis of newborn (P36)	10	2	2	6	10	0
Accidents (V01-X59,Y85-Y86)	9	0	0	0	0	9
Disease of circulatory system (I00-I99)	8	0	0	2	2	6
Intrauterine hypoxia and birth asphyxia (P20-P21)	6	0	2	4	6	0
Septicemia (A40-A41)	5	0	0	0	0	5
Gastritis, duodenitis, etc. (K29, K50-K55)	5	0	0	0	0	5
Newborn affected by complication of placenta, ect. (P02)	5	3	2	0	5	0
All other causes	58	11	12	12	35	23



**Table 8b.**  
 Leading Causes of Black and Other Infant Death by Age at Death  
 South Carolina, 2003  
 (Residence Data)

Causes of Death (ICD-10 Codes)	Total	Under 1 Day	1-6 Days	7-27 Days	Neonatal (<28days)	Post-Neonatal (28-364Days)
<b>Total Black and Other Infant Deaths</b>	252	128	33	26	187	65
Disorders relating to short gestation and low birthweight, NEC (P07)	68	59	7	2	68	0
Congenital malformations, deformations, etc. (Q00-Q99)	27	10	7	4	21	6
Fetus and newborn affected by maternal complications of pregnancy (P01)	24	22	2	0	24	0
Sudden infant death syndrome (R95)	21	0	0	0	0	21
Newborn affected by complication of placenta, ect. (P02)	11	10	1	0	11	0
Respiratory distress of newborn (P22)	8	3	1	2	6	2
Atelectasis (P28.0-P28.1)	7	7	0	0	7	0
Neonatal hemorrhage (P50-P52, P54)	7	0	5	2	7	0
Intrauterine hypoxia and birth asphyxia (P20-P21)	6	3	0	1	4	2
Diseases of Circulatory System (I00-I99)	5	0	0	0	0	5
Bacterial sepsis of newborn (P36)	5	2	0	3	5	0
All other causes	63	12	10	12	34	29

**Table 8c.**  
 Percent Changes of Leading Causes of Infant Death  
 from 2002-2003, South Carolina

Cause of Infant Death Ranked by 2003 Data (ICD-10 Codes)	2002	2003	% Change
<b>Total Infant Death</b>	<b>507</b>	<b>463</b>	<b>-8.7%</b>
Disorders relating to short gestation and low birthweight, NEC (P07)	72	102	41.7%
Congenital malformations, deformations, etc. (Q00-Q99)	77	71	-7.8%
Fetus and newborn affected by maternal complications of pregnancy (P01)	47	39	-17.0%
Sudden infant death syndrome (R95)	37	33	-10.8%
Respiratory distress of newborn (P22)	24	12	-50.0%
Newborn affected by complication of placenta, ect. (P02)	20	16	-20.0%
Bacterial sepsis of newborn (P36)	19	15	-21.1%
Accidents (V01-X59, Y85-Y86)	18	13	-27.8%
Diseases of Circulatory System (I00-I99)	16	13	-18.8%
Intrauterine hypoxia and birth asphyxia (P20-P21)	14	12	-14.3%
All other causes	173	137	-20.8%

**Table 9.**Comparison of Characteristics from Birth Files, by Race<sup>1</sup>Z-tests for differences in proportions<sup>3</sup>

South Carolina, 2002 to 2003

(Residence Data)

	2002		2003		Z-TEST	P-VALUE
	Percent	Number	Percent	Number		

MOTHER < 18 YEARS						
TOTAL <sup>2</sup>	4.64	2,526	4.63	2,567	-0.0819	0.9347
White	3.27	1,149	3.25	1,169	-0.1617	0.8715
Black & Other	7.13	1,375	7.19	1,398	0.2318	0.8167

EDUCATION < 12 YEARS						
TOTAL <sup>2</sup>	20.77	11,308	20.76	11,516	-0.0098	0.9922
White	19.26	6,771	19.44	7,000	0.6138	0.5393
Black & Other	23.51	4,536	23.22	4,516	-0.6805	0.4962

MARITAL STATUS: UNMARRIED						
TOTAL <sup>2</sup>	26.26	14,300	26.18	14,520	-0.3038	0.7613
White	12.96	4,557	13.18	4,744	0.8455	0.3978
Black & Other	50.49	9,741	50.24	9,773	-0.4783	0.6324

< 5 PRENATAL CARE VISITS						
TOTAL <sup>2</sup>	4.08	2,222	4.66	2,587	4.7323	0.0000
White	2.89	1,015	3.56	1,283	5.1021	0.0000
Black & Other	6.24	1,204	6.70	1,304	1.8549	0.0636

PRENATAL CARE BEGAN 1st TRIMESTER						
TOTAL <sup>2</sup>	77.66	42,290	76.18	42,248	-5.8503	0.0000
White	82.00	28,824	80.03	28,813	-6.6782	0.0000
Black & Other	69.79	13,466	69.06	13,432	-1.5768	0.1149

PROPORTION VERY LOW BIRTHWEIGHT						
TOTAL <sup>2</sup>	1.94	1,055	2.09	1,157	1.7552	0.0792
White	1.26	444	1.41	508	1.7178	0.0858
Black & Other	3.17	611	3.33	648	0.9140	0.3607

PROPORTION LOW BIRTHWEIGHT						
TOTAL <sup>2</sup>	10.01	5,453	10.07	5,586	0.3188	0.7499
White	7.54	2,651	7.61	2,739	0.3356	0.7372
Black & Other	14.52	2,802	14.63	2,846	0.3040	0.7612

<sup>1</sup>Race of mother<sup>2</sup>Includes unknown races<sup>3</sup>Proportions are expressed as percentages

**Table 9.**Comparison of Characteristics from Birth Files, by Race<sup>1</sup>Z-tests for differences in proportions<sup>3</sup>

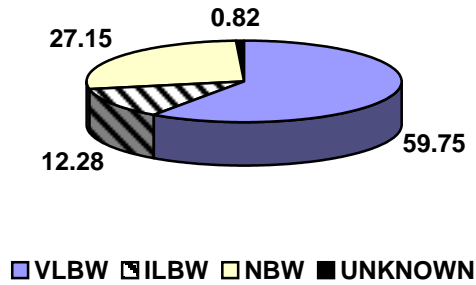
South Carolina, 2002 to 2003

(Residence Data)

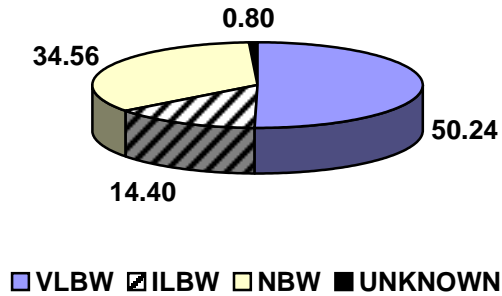
	2002		2003		Z-TEST	P-VALUE
	Percent	Number	Percent	Number		
<b>KESSNER INDEX: ADEQUATE</b>						
TOTAL <sup>2</sup>	69.97	38,101	67.57	37,477	-8.5723	0.0000
White	74.74	26,273	71.48	25,734	-9.8027	0.0000
Black & Other	61.30	11,828	60.36	11,740	-1.9098	0.0562
<b>KESSNER INDEX: LESS THAN ADEQUATE</b>						
TOTAL <sup>2</sup>	27.39	14,916	29.32	16,263	7.1002	0.0000
White	22.83	8,025	25.71	9,257	8.9683	0.0000
Black & Other	35.70	6,887	36.01	7,005	0.6537	0.5133
<b>KOTELCHUCK INDEX: ADEQUATE PLUS</b>						
TOTAL <sup>2</sup>	41.65	22,677	38.85	21,546	-9.4519	0.0000
White	41.44	14,567	39.25	14,130	-5.9567	0.0000
Black & Other	42.03	8,109	38.12	7,414	-7.8575	0.0000
<b>KOTELCHUCK INDEX: ADEQUATE</b>						
TOTAL <sup>2</sup>	33.51	18,246	34.27	19,006	2.6661	0.0077
White	36.70	12,901	36.43	13,116	-0.7429	0.4575
Black & Other	27.70	5,345	30.28	5,889	5.5813	0.0000
<b>KOTELCHUCK INDEX: INTERMEDIATE</b>						
TOTAL <sup>2</sup>	10.20	5,553	10.41	5,773	1.1522	0.2492
White	10.59	3,723	10.85	3,906	1.1145	0.2651
Black & Other	9.48	1,830	9.60	1,867	0.3808	0.7034
<b>KOTELCHUCK INDEX: INADEQUATE</b>						
TOTAL <sup>2</sup>	13.35	7,267	14.36	7,966	4.8828	0.0000
White	10.13	3,562	11.74	4,225	6.8463	0.0000
Black & Other	19.19	3,702	19.23	3,740	0.1012	0.9194
<b>HISPANIC MOTHER</b>						
TOTAL <sup>2</sup>	5.85	3,188	6.62	3,671	5.2388	0.0000
White	8.53	2,997	9.56	3,442	4.8114	0.0000
Black & Other	0.99	191	1.18	229	1.7809	0.0749

<sup>1</sup>Race of mother<sup>2</sup>Includes unknown races<sup>3</sup>Proportions are expressed as percentages

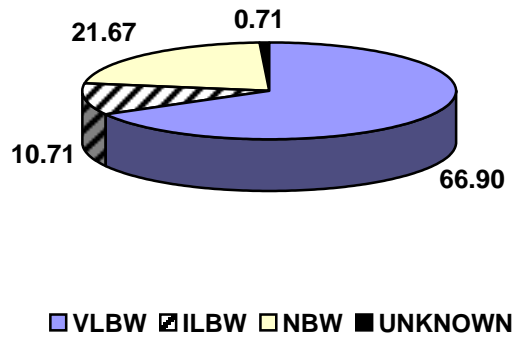
**Figure 1.**  
**Percentage of Infant Deaths by Birthweight Group**  
**South Carolina, 2001-2003 Residence Data**



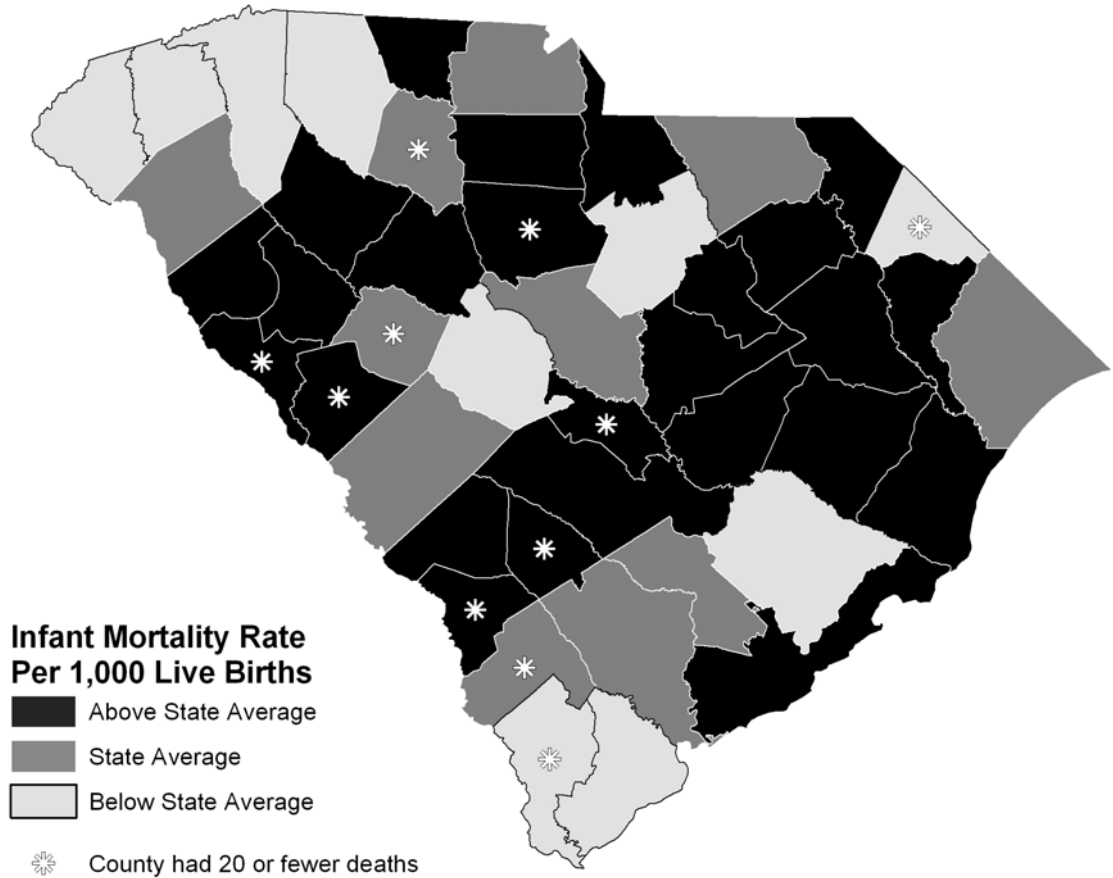
**Figure 1-A**  
**Percentage of White Infant Deaths by Birthweight Group,**  
**South Carolina, 2001-2003 Residence Data**



**Figure 1-B**  
**Percent of Black and Other Infant Deaths by Birthweight**  
**Group, South Carolina, 2001-2003 Residence Data**



**Figure 2.**  
 Five Year Infant Mortality Rates by County  
 South Carolina  
 1999-2003  
 (Residence Data)



NOTE: Counties with rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Above State Average** indicates a rate greater than 9.5.  
**State Average** indicates a rate between 8.7 and 9.5 inclusive.  
**Below State Average** indicates a rate lower than 8.7.